

RE: R&H Oil/Tropicana Energy Site August 2011 Bi-Monthly Progress Report

Tim Nickels to: Chris Villarreal

08/10/2011 08:25 AM

Cc: "Marilyn Long", "Eric Pastor"

From: "Tim Nickels" <tim.nickels@pbwllc.com>
To: Chris Villarreal/R6/USEPA/US@EPA
Cc: "Marilyn Long" <Marilyn.Long@tceq.texas.gov>, "Eric Pastor" <eric.pastor@pbwllc.com>

Hi Chris,

As we discussed in our phone conversation yesterday, we're providing the responses to your comments regarding the bi-monthly progress report in this email reply.

The water level and LNAPL thickness information collected during the July 25th 2011 Site visit has been tabulated and attached, these data will be included in the RI/FS report. The wells were not checked for the presence of DNAPL on July 25. I intend to visit the Site for another well gauging event later this month and will include a check for DNAPL during that work.

The slug test data collected on July 25th have been preliminarily evaluated, but we would like to do some additional slug testing to check these results. The results of the aquifer testing activities will be provided to you when this additional testing is completed.

To perform the LNAPL baildown tests the LNAPL in the wells must be at equilibrium prior to beginning the test. Due to the short of amount of time the new monitoring wells have been installed, we need to further evaluate whether the LNAPL levels in the wells have reached equilibrium or if the thickness is increasing. The well gauging event scheduled for later this month will allow us to assess if LNAPL is still accumulating in the wells or if it is has reached equilibrium and the testing can be started. If we are confident that the LNAPL levels have stabilized we will attempt the baildown test in September.

Please let me or Eric know if you have any additional questions.

Regards,

Tim

Tim Nickels

Pastor, Behling & Wheeler, LLC

2201 Double Creek Dr., Suite 4004

Round Rock, Texas, 78664

512-671-3434 Tel

512-671-3446 Fax

From: Villarreal.Chris@epamail.epa.gov [mailto:Villarreal.Chris@epamail.epa.gov]

Sent: Tuesday, August 09, 2011 1:25 PM

To: Tim Nickels

Cc: Marilyn Long

Subject: Re: R&H Oil/Tropicana Energy Site August 2011 Bi-Monthly Progress Report

Tim:

The purpose of this email is to notify you that I did receive the August 2011 bi-monthly report.

In regards to the report, additional information needs to be provided regarding reported activities.

Under item 1 - first bullet, the report states that water levels and light non-aqueous phase liquid LNAPL thickness measurements were collected on July 25, 2011, but did not mention what was found or when this information would be provided. In addition, the RI/FS work plan, Section 5.6.2 (On-site Soil, Groundwater and Soil Gas Investigation), states that efforts would also be conducted to evaluate the potential presence of both LNAPL **and** DNAPL.

In regards to the hydraulic tests (slug out tests), when will this information be presented?

Under item 3 - second bullet states "Perform NAPL baildown testing as appropriate." When might this testing be conducted?

Thanks

Chris Villarreal

Remedial Project Manager

214-665-6758

From: "Tim Nickels" <tim.nickels@pbwllc.com>
To: Chris Villarreal/R6/USEPA/US@EPA
Cc: <mlong@tceq.state.tx.us>, "Eric Pastor" <eric.pastor@pbwllc.com>
Date: 08/09/2011 08:53 AM
Subject: R&H Oil/Tropicana Energy Site August 2011 Bi-Monthly Progress Report

Hello Chris,

Attached is the August 2011 bi-monthly progress report for the R&H Oil/Tropicana Energy Site RI/FS. Validation of the groundwater and soil data is just about complete but will have to be included with the next update, the physical groundwater parameter data collected during the groundwater sampling event have been included in this update. Please let me know if you have any comments or questions on the report.

Regards,

Tim Nickels


Pastor, Behling & Wheeler, LLC

2201 Double Creek Dr., Suite 4004

Round Rock, Texas, 78664

512-671-3434 Tel

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[attachment "August 2011 update.pdf" deleted by Chris Villarreal/R6/USEPA/US]  -
07252011 SWL table.pdf



Re: R&H Oil/Tropicana Energy Site August 2011 Bi-Monthly Progress Report

Chris Villarreal to: Tim Nickels

08/09/2011 01:25 PM

Cc: Marilyn Long

From: Chris Villarreal/R6/USEPA/US
To: "Tim Nickels" <tim.nickels@pbwllc.com>
Cc: Marilyn Long <Marilyn.Long@tceq.texas.gov>

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Thanks
Chris Villarreal
Remedial Project Manager
214-665-6758

"Tim Nickels"	Hello Chris,	08/09/2011 08:53:59 AM
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From: "Tim Nickels" <tim.nickels@pbwllc.com>
To: Chris Villarreal/R6/USEPA/US@EPA
Cc: <mlong@tceq.state.tx.us>, "Eric Pastor" <eric.pastor@pbwllc.com>
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Tim Nickels

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[attachment "August 2011 update.pdf" deleted by Chris Villarreal/R6/USEPA/US]

Table 1 - Monitoring Well Gauging Summary - July 25, 2011
R&H Oil/Tropicana Energy Superfund Site

Well ID	Date	Screen Interval (ft, BGS)	Measuring Point Elevation (ft, MSL)	Depth to Water (ft, BMP)	Depth to NAPL (ft, BMP)	NAPL Thickness (ft)	Water Level Elevation (ft, MSL)	Corrected Water Level Elevation (ft, MSL)
On-site Wells								
MW-1	7/25/2011	10-40	657.29	20.33	ND	--	636.96	636.96
MW-2	7/25/2011	11-42	659.25	22.41	ND	--	636.84	636.84
MW-3	7/25/2011	10-48	657.34	21.92	20.14	1.78	635.42	636.81
MW-4	7/25/2011	10-44	660.21	23.2	ND	--	637.01	637.01
MW-5	7/25/2011	10.5-43	656.93	20.16	20	0.16	636.77	636.89
MW-6	7/25/2011	10-54.5	656.95	20.28	20.18	0.1	636.67	636.75
MW-12	7/25/2011	10-25	659.9	22	21.95	0.05	637.9	637.94
MW-13	7/25/2011	10-25	662.65	25.07	ND	--	637.58	637.58
MW-14	7/25/2011	10-25	660.17	23.53	22.96	0.57	636.64	637.08
MW-15	7/25/2011	10-25	659.94	23.18	22.9	0.28	636.76	636.98
MW-16	7/25/2011	10-25	659.2	22.41	ND	--	636.79	636.79
MW-17	7/25/2011	10-25	659.23	22.5	ND	--	636.73	636.73
MW-18	7/25/2011	10-25	660.6	23.55	23.4	0.15	637.05	637.17
MW-19	7/25/2011	10-25	658.37	22.25	21.42	0.83	636.12	636.77
MW-20	7/25/2011	10-30	659.38	22.48	ND	--	636.9	636.90
NMW-1	7/25/2011	10-25	662.3	24.78	24.43	0.35	637.52	637.79
NMW-2	7/25/2011	10-25	660.61	23.68	ND	--	636.93	636.93
NMW-3	7/25/2011	10-25	660.63	25.28	23.03	2.25	635.35	637.11
NMW-4	7/25/2011	10-25	660.99	23.79	ND	--	637.2	637.20
NMW-5	7/25/2011	10-25	660.45	23.41	ND	--	637.04	637.04
Off-site Wells								
MW-7	7/25/2011	30-45	655.13	18.6	ND	--	636.53	636.53
MW-8	7/25/2011	30-45	654.42	18.13	ND	--	636.29	636.29
MW-9	7/25/2011	25-40	654.17	17.6	ND	--	636.57	636.57
MW-10	7/25/2011	23-38	653.57	17.9	ND	--	635.67	635.67
MW-11	7/25/2011	25-40	654.55	17.83	ND	--	636.72	636.72

Notes:

1. Water levels in wells containing LNAPL were corrected using an LNAPL specific gravity of 0.78 as determined from analysis of LNAPL collected at well NMW-3.
2. ND - Measurable LNAPL thickness not greater than 0.01 feet. MSL = Mean sea level.
3. BMP = Below measuring point. BGS = Below ground surface.